

Appl. S.N. 09/893,065
Amdt. Dated January 7, 2005
Reply to Office Action of Oct. 7, 2004

RD-27,478

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REMARKS/ARGUMENTS

This amendment is responsive to the Office Action mailed October 7, 2004 wherein claims 7 and 20 were rejected under 35 USC §112, second paragraph, for being indefinite; claims 1-2 and 12-13 were rejected under 35 USC §102(b) as being anticipated by Shroy Jr. et al. (US 4,891,757); claims 3, 7-8, 14, 18, 20 and 22-23 were rejected under 35 USC §103(a) over Shroy et al. in view of Bruijns et al. (US 5,974,113); claims 9-10 were rejected under 35 USC §103(a) over Shroy in view of Maeda et al. (US 6,421,772); claim 11 was rejected under 35 USC §103(a) over Shroy in view of Granfors et al. (US 5,657,400); claims 4-5, 15-16 and 21 were rejected over Shroy in view of Bruijns and further in view of Maeda; and, claims 6, 17 and 19 were rejected under 35 USC §103(a) over Shroy in view of Bruijns and further in view of Granfors. In this amendment, claims 1, 6, 8, and 20 were amended and claims 3, 7 and 20 were canceled. No new matter has been added.

Claims 1, 2, 4-6, 8-19, and 21-23 remain pending in this application. Reconsideration in light of the above amendments and the following remarks is respectfully requested.

Claims 7 and 20 have been canceled and therefore the rejection under 35 USC §112, second paragraph has been obviated.

Claim 1 has been amended to incorporate the subject-matter of claim 3. Claims 6 and 8 have been amended to recite dependency from claim 1.

The rejection of Claims 1-2 and 12-13 under 35 USC §102 (b) on Shroy et al. is respectfully traversed. The present invention, as claimed in independent claim 1 is patentable over the Shroy reference. "Anticipation requires the disclosure in a single prior art reference of each element of the claim under consideration." W.L. Gore & Associates v. Garlock, Inc., 220 USPQ 303, 313 (Fed. Cir. 1983).

The Shroy reference does not disclose each element of the present invention as claimed in amended claim 1. Specifically, the Shroy reference does not disclose or show a step for adjusting a window of the gain corrected image with respect to a reference window as pointed out in the Examiner's remarks with respect to claim 3. Therefore, the Shroy reference does not disclose each element of Applicants' recited invention and thus Applicants' invention is not anticipated by Shroy et al. Claims 2, 12 and 13 depend from claim 1 and are therefore allowable by dependency.

Therefore, as stated above, the present invention, as claimed in Claims 1-2 and 12-13

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are patentable over the Shroy reference. Thus, it is respectfully requested that the rejection of Claims 1-2 and 12-13 under 35 USC §102 be withdrawn.

Applicants respectfully traverse the rejection of claims 3 (now incorporated into amended claim 1), 7-8, 14, 18, 20 and 22-23 under 35 USC §103(a) over the Shroy and Bruijns references. In order to establish a *prima facie* case of obviousness, the Examiner must set forth the differences in the claim over the applied references, set forth the proposed modification of the references that would be necessary to arrive at the claimed subject matter, and explain why the proposed modification would be obvious. Applicants interpret the Office Action as stating that the proposed modification is to combine offset image correction techniques of the Shroy reference with the composition of sub-images disclosed in Bruijns (at col. 2 lines 10-21 and 30-38). However, the Examiner has merely stated that the motivation for this combination would be to generate an output image of higher quality. Independent claims 1 and 14 each recite a method and system, respectively, for processing raw images for display comprising correcting the raw images with respect to an offset image to generate an offset corrected image, adjusting a level of the offset corrected image with respect to a gain offset to generate a gain corrected image, adjusting a window of the gain corrected image with respect to a reference window to generate an output image, and packing the output image into a register for display. As discussed with reference to the rejection under 35 USC §102 above, the Shroy reference does not disclose, suggest or teach adjusting a window of a gain corrected window with respect to a reference window. By contrast, Bruijns merely discloses an offset correction for correcting brightness in a composite image. There must be some suggestion or motivation for the combination to establish a *prima facie* case of obviousness. The Shroy and Bruijns references are focused on pixel brightness and artifact reduction. There is no teaching that the offset correction of Applicants' recited invention would be desirable or needed in either of the Shroy or Bruijns references. Applicants respectfully submit that there is no reasonable basis for combining these references other than from using Applicants' specification as a guidebook. As such, Applicants respectfully submit that the present invention, as recited in independent claims 1 and 14, and claims depending therefrom, is patentable over the Shroy and Bruijns references. Withdrawal of the rejection under 35 USC §103(a) is respectfully requested.

The rejection of claims 9 and 10 under 35 USC §103(a) over the Shroy and Maeda references is respectfully traversed. In view of the amendment to claim 1, from which claims 9 and 10 depend, Applicants submit that claim 1 is patentable over the Shroy reference as discussed with reference to the rejection under 35 USC §102. The Maeda reference does not overcome the deficiencies of the Shroy reference. Therefore, Applicants respectfully request withdrawal of the rejection under 35 USC §103(a) over the Shroy and Maeda references.

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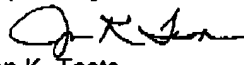
Similarly, the rejection of claim 11 over the Shroy and Granfors references under 35 USC §103(a) is respectfully traversed. Claim 11 depends from claim 1, now amended and patentable over the Shroy reference. Granfors does not overcome the deficiencies of the Shroy reference. Therefore, Applicants respectfully request withdrawal of the rejection under 35 USC §103(a) over the Shroy and Granfors references.

The rejection of claims 4-5, 15-16 and 21 under 35 USC §103(a) over Shroy, Bruijns and Maeda and the rejection of claims 6, 17 and 19 over Shroy, Bruijns and Granfors are also respectfully traversed for the reasons set forth above with respect to claims 1 and 14, from which these claims depend directly or indirectly. Therefore, Applicants respectfully request withdrawal of the rejections under 35 USC §103(a) of the claims listed in this paragraph.


In view of the foregoing amendment and for the reasons set out above, Applicants respectfully submit that the application is in condition for allowance. Favorable reconsideration and prompt allowance of the application are respectfully requested.

Should the Examiner believe that anything further is needed to place the application in condition for allowance, the Examiner is requested to contact Applicants' undersigned representative at the telephone number below.

Respectfully submitted,


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